

SUMMARY OF THE INVENTION

Before the paragraph beginning at line 31 of page 1 insert the following:

BRIEF DESCRIPTION OF THE INVENTION

Before the paragraph beginning at line 24 of page 4 insert the following:

BRIEF DESCRIPTION OF THE DRAWING

Before the paragraph beginning at line 19 of page 5 insert the following:

DETAILED DESCRIPTION OF THE INVENTION

In the Claims:

Please amend claim 3 as follows:

3. (amended) A method of producing a security document or device according to claim 1, wherein the substrate includes a transparent plastics film.

Please amend claim 5 as follows:

5. (amended) A method of producing a security document or device according to claim 3, wherein the substrate further includes a transparent coating applied to the transparent plastics film, the optically diffractive structure being formed in the transparent coating.

Please amend claim 7 as follows:

7. (amended) A method of producing a security document or device according to claim 5, wherein the substrate further includes a reflective coating applied to

the transparent coating.

Please amend claim 9 as follows:

9. (amended) A method of producing a security document or device according to claim 7, wherein both the reflective coating and the transparent coating may be formed from material which is similarly resistant to physical degradation.

Please amend claim 10 as follows:

10. (amended) A method of producing a security document or device according to claim 5, wherein the substrate further includes a transparent layer applied to the transparent coating.

Please amend claim 12 as follows:

12. (amended) A method of producing a security document or device according to claim 10, wherein both the transparent layer and the transparent coating are formed from material which is similarly resistant to physical degradation.

Please amend claim 13 as follows:

13. (amended) A method of producing a security document or device according to claim 3, wherein the substrate further includes a reflective coating applied to the transparent plastics film, said optically diffractive structure being formed in the reflective coating.

Please amend claim 15 as follows:

15. (amended) A method of producing a security document or device according to claim 13, wherein the substrate further includes a transparent coating applied to the reflective coating.

Please amend claim 17 as follows:

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17. (amended) A method of producing a security document or device according to claim 15, wherein both the reflective coating and the transparent coating are made of material which is similarly resistant to physical degradation.

Please amend claim 18 as follows:

18. (amended) A method of producing a security document or device according to claim 1, the method further comprising the step of:

applying at least one opacifying layer to the substrate, said at least one opacifying layer only partly covering a surface of the substrate to leave at least said optically diffractive device uncovered by said opacifying layer.

Please amend claim 20 as follows:

20. (amended) A method of producing a security document or device comprising a substrate and a detectable security device, the method comprising the step of:

exposing an area of the substrate on one surface to a light source which causes photo-polymerisation of the substrate which in turn produces a polarisation state or pattern.

Please cancel claim 21.

Please add the following claims:

22. (new) A method according to claim 19 further defined as exposing an area of the substrate on one surface to a photo-exposure process to produce a polarization pattern.

23. (new) A method of producing a security document or device according to claim 20 or 22 comprising the steps of irradiating an area of the substrate on one surface with patterned laser radiation to ablate selected portions of the surface.

24. (new) A method of producing a security document or device according

to claim 23, the method further comprising the step of placing a mask in the path of the laser radiation to create said patterned laser radiation.

25. (new) A method of producing a security document or device according to either one of claims 20 or 22, wherein the substrate includes a transparent plastics film.

26. (new) A method of producing a security document or device according to claim 25, wherein the substrate further includes a transparent coating applied to the transparent plastics film.

27. (new) A method of producing a security document or device according to claim 26, wherein the substrate further includes a reflective coating applied to the transparent coating.

28. (new) A method of producing a security document or device according to claim 27, wherein both the reflective coating and the transparent coating may be formed from material which is similarly resistant to physical degradation.

29. (new) A method of producing a security document or device according to claim 26, wherein the substrate further includes a transparent layer applied to the coating.

30. (new) A method of producing a security document or device according to claim 29, wherein both the transparent layer and the transparent coating are formed from material which is similarly resistant to physical degradation.

31. (new) A method of producing a security document or device according to claim 25, wherein the substrate further includes a reflective coating applied to the transparent plastics film.

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32. (new) A method of producing a security document or device according to claim 31, wherein the substrate further includes a transparent coating applied to the reflective coating.

33. (new) A method of producing a security document or device according to claim 32, wherein both the reflective coating and the transparent coating are made of material which is similarly resistant to physical degradation.

34. (new) A method of producing a security document or device according to either of claims 20 or 22, the method further comprising the step of applying at least one opacifying layer to the substrate, said at least one opacifying layer only partly covering the surface of the substrate.

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